



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary  
Document ID No. RCO3354

**SOLID WASTE SECTION**

November 15, 2007

Mr. Phil Sparks  
Environmental Manager  
Louisiana-Pacific Corporation  
Post Office Box 98  
Roaring River, North Carolina 28669

Subject: Division Approval – Addition of Zinc  
Borate Sludge to the Landfill  
Louisiana-Pacific Wood Products Landfill  
Permit No. 97-03, Wilkes County  
Doc Id No: RCO3354

Dear Mr. Sparks:

The Division is in receipt of Louisiana-Pacific Corporation's permit application dated July 6, 2007, for the Louisiana-Pacific Wood Products Landfill (Permit No. 97-03). The application entitled **Landfill Expansion/Permit Modification** was prepared for Louisiana-Pacific Corporation, by RMT North Carolina, Inc. The application contains 3 requests;

- 1) Permit renewal.
- 2) The addition of zinc borate to the waste to the list of permitted waste.
- 3) The expansion of the landfill.

On October 18, 2007 a meeting was held, on site, which included; Mr. Larry Frost – DWM Regional Engineer, Mr. Jason Watkins – DWM Senior Environmental Specialist, Mr. Travis Tarbet – RMT Environmental Specialist and yourself. During that meeting, you indicated that the Company had a need for immediate approval for the addition of the zinc borate sludge material to the approved list of wastes which may be place in the landfill. The zinc borate sludge will soon be a byproduct of new processes at the plant. The Division has reviewed your request for the addition of zinc borate sludge and has concluded from your application, **Section 1.8 Groundwater Analytical and Mass Balance Results** and the calculations in **Appendix B Groundwater Calculations, Site Specific Dilution Factor Calculations** that the boron and other constituents will be below 2L groundwater standards at the Compliance Boundary. Furthermore, it is understood that in

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**Section 1.1 Background** that “The sludge will be mixed with fly ash at a maximum 3:1 sludge to ash weight ratio, with an average of 2:1 sludge to ash being placed in the landfill.” Therefore, the Division hereby approves the addition of zinc borate sludge, in the manner described, to the list of wastes that may be placed in the Louisiana-Pacific Wood Products Landfill.

Action on the remaining two (2) requested permit actions are pending. If you should have any question regarding this matter please contact Mr. Larry Frost at (828) 296-4704.

Sincerely,

Edward F. Mussler, III, P.E.  
Permitting Branch Supervisor  
Solid Waste Section

cc: Travis Tarbet – RMT, 30 Patewood Drive, Suite 100, Greenville, SC 29615-0030  
Deb Aja – SWS/ARO  
Jason Watkins – SWS/WSRO